



EDTA [0.5M, pH 8.0]

0.5M EDTA [pH 8.0] is used to chelate (bind to) divalent metal ions, such as Ca^{2+} and Mg^{2+} , which is crucial for inactivating metal-dependent enzymes that degrade DNA and RNA. This chelating action protects nucleic acids from degradation, stabilizes DNA in buffers like TE buffer.

0.5M EDTA [pH 8.0] is also used in tissue culture to prevent cell clumping by sequestering calcium ions.

Catalog No.	154002
Size	100mL / 500mL
Product Category	Stock Solution / Buffer
Storage/Stability	Ambient/2 year
Shipping	Ambient